

1 We claim:

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3 1. A camera assembly which comprises:

4 a housing having a mounting cap attached to sidewalls to  
5 which is attached an optical surface, the camera housing enclosing  
6 a camera system wherein the optical surface is rotatable relative  
7 to the camera housing after the camera system is positioned.

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9 2. A camera assembly having a housing which comprises an optical  
10 dome rotatable relative to the housing through the use of a  
11 circumferential seal attached to a circumferential flange portion  
12 of the housing.

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3. A camera assembly as claimed in Claim 2, wherein the seal is a  
continuous, circumferential bi-level seal that is S-shaped in  
cross-section, said seal having a first level that includes a first  
groove that contains a circumferential flange portion of a wall  
portion of said housing, and a second level that includes a second  
groove that contains a circumferential flange portion of a wall of  
said dome.

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22 4. A camera assembly as claimed in Claim 3, wherein the dome is  
23 rotatable in the first groove of the seal, and substantially fixed

1 and immovable in the second groove.

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3 5. A camera assembly as claimed in Claim 1, wherein the dome is a  
4 substantially opaque dome with a transparent window, which dome  
5 can be rotated to align the camera assembly position with the  
6 transparent window.

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8 6. A camera assembly which comprises:

9 a camera housing having a mounting cap attached to a top wall,  
10 and sidewalls to which is attached an optical surface, the camera  
11 housing enclosing a camera system;

12 an environmental shroud attached to the camera housing and  
13 effective to reflect and/or deflect heat energy, dissipate heat  
14 energy not reflected or deflected, and protect the camera housing  
15 from the ingress of moisture, and

16 an optical dome rotatable relative to the housing through the  
17 use of a circumferential seal attached to a circumferential flange  
18 portion of the housing.

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20 7. A camera assembly as claimed in Claim 6, wherein the seal is a  
21 continuous, circumferential bi-level seal that is S-shaped in  
22 cross-section, said seal having a first level that includes a first  
23 groove that contains a circumferential flange portion of a wall

1 portion of said housing, and a second level that includes a second  
2 groove that contains a circumferential flange portion of a wall of  
3 said dome.

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5 8. A camera assembly as claimed in Claim 7, wherein the dome is  
6 rotatable in the first groove of the seal, and substantially fixed  
7 and immovable in the second groove.

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9 9. A camera assembly as claimed in Claim 6, wherein the dome is a  
10 substantially opaque dome with a transparent window, which dome  
11 can be rotated to align the camera assembly position with the  
12 transparent window.